



## 4 MP AcuSense In-Ceiling Fixed Mini Dome Network Camera

DS-2CD2E43G2-U(2.8mm)

SKU: 112984    UPC: 842571000000

### 4 MP AcuSense In-Ceiling Fixed Mini Dome Network Camera

Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

#### Features

- High quality imaging with 4 MP resolution
- Clear imaging against strong backlight due to 120 dB WDR technology
- Efficient H.265+ compression technology
- Built-in microphone for real-time audio security
- Focus on human and vehicle targets classification based on deep learning

Specification Camera Image Sensor 1/3" Progressive Scan CMOS Illumination Color: 0.005 Lux @ (F1.6, AGC ON) Resolution 2688 x 1520 Shutter Speed 1/3 s to 1/100,000 s Angle Adjustment Tilt: 0° to 75° Lens Lens Type & FOV 8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 43°, diagonal FOV 100° Aperture F1.6 Lens Mount M12 DORI DORI 8 mm: D: 56 mm, O: 22 mm, R: 11 mm, I: 6 mm 4 mm: D: 85 mm, O: 34 mm, R: 17 mm, I: 9 mm Video Main Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub Stream 50 Hz: 25 fps (1280 x 720, 640 x 480, 640 x 360) 60 Hz: 30 fps (1280 x 720, 640 x 480, 640 x 360) Third Stream 50 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) Video Compression Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 Video Bit Rate 32 Kbps to 8 Mbps 264 Type Baseline Profile/Main Profile/High Profile 265 Type Main Profile Bit Rate Control CBR/VBR Scalable Video Coding (SVC) Yes Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16-64 Kbps(AACLC)/32-192 Kbps (MP2L2)/8-320 Kbps (MP3) Network Simultaneous Live View Up to 6 channels API Open Network Video Interface (Profile S, Profile G), ISAPI, SDK, ISUP Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets User/Host Up to 32 users. 3 user levels: administrator, operator and user Security Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface Network Storage NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Client iVMS-4200, Hik-Connect, Hik-Central Web Browser Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ Image Wide Dynamic Range (WDR) 120 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Image Settings Rotate, mirror, privacy mask, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone Yes On-board Storage Built-in memory card slot, support microSD/SDHC/SDXC card, up to 512 GB Hardware Reset Yes Communication Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Face Detection Yes Deep Learning Function Perimeter Protection Line crossing, intrusion Support alarm triggering by specified target types (human and vehicle) General Power 12 VDC ± 25%, 0.27 A, max. 3.2 W, two-core terminal block PoE: (802.3af, 36 V to 57 V), Class 3, 0.12 A to 0.07 A, max. 4.2 W Linkage Method Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger capture, send

email Web Client Language 33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian General Function Anti-flicker, heartbeat, password reset via email, pixel counter Storage Conditions -10 °C to 50 °C (14 °F to 122 °F). Humidity 95% or less (non-condensing) Startup and Operating Conditions -10 °C to 50 °C (14 °F to 122 °F). Humidity 95% or less (non-condensing) Material Plastic body Screw Material SUS304 Camera Dimension  $\sim 93.9 \times 117.5$  mm ( $\sim 3.7" \times 4.6"$ ) Package Dimension 135 x 135 x 183 mm (5.3" x 5.3" x 7.2") Camera Weight Approx. 155 g (0.3 lb.) With Package Weight Approx. 325 g (0.7 lb.) Approval EMC FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3:2013+A1:2019, EN 50130- 4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015) Safety UL (UL 62368-1); CB (IEC 62368-1:2014+A11); CE-LVD (EN 62368-1:2014/A11:2017) Environment CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)